

CLASSIFIED MESSAGE

## NRO REVIEW COMPLETED

DATE

1440Z 15 APR 63

S E C R E T

ROUTING

1	D TCH	4	D P/K
2	/	5	CH
3	/	6	DFA

TO :

DIRECTOR

FROM :

ACTION:

OSA (1-15)

INFO :

S/C (16)

DOCUMENT NO.

NO CHANGE IN CLASS. ☒☐ DECLASSIFIED

CLASS. CHANGED TO: TS S G

NEXT REVIEW DATE:

AUTH: HR 78-2

DATE: 12-2-81 REVIEWER:

ROUTINE

25X1

TOR: 1611Z 15 APR 63

IN 72505

25X1A TO

CORONA/LANYARD

ATTN:

25X1A

1. AS A RESULT OF THE VARIOUS MEETINGS HELD AT [ ] THRU 5 APRIL 1963, [ ] AGREED TO A REVISION TO PARAGRAPH 3.9.1 - RESOLUTION - OF ACCEPTANCE TEST SPECIFICATION NBR. 49976. THIS REVISION WAS AN ATTEMPT TO FIX THE SPECIFICATION CRITERIA FOR ACCEPTANCE TESTING WHICH HAS BEEN VARIABLE FOR THE FOUR (4) SYSTEMS ACCEPTANCE TESTED PRIOR TO OUR UNIT NBR. 1.

2. SINCE WE UNDERSTAND THAT AGREEMENT OF THE CCB IS REQUIRED PRIOR TO FINAL APPROVAL OF THIS ATS, WE ARE, BY COPY OF THIS TWX, DETAILING BELOW THE REVISED WORDING TO THE ATS WHICH WAS AGREE UPON 5 APRIL AND IS STILL ACCEPTABLE TO [ ]

"3.9.1 RESOLUTION: THE CAMERA SHALL BE MOUNTED IN THE DYNAMIC RESOLUTION TESTER AND ALIGNED FOR PHOTO-TESTING IN THE CENTER-OF-FORMAT POSITION (0 DEGREE SCAN ANGLE AND 0 DEGREE FIELD ANGLE). LOAD WITH A TEST SPOOL OF UNEXPOSED SO-132 FILM AND MAINTAIN VACUUM CONDITIONS LESS THAN 500 MICRONS DURING THE PHOTO RESOLUTION TEST. THE CAMERA SHALL OPERATE AND PHOTOGRAPH THE TEST PATTERNS (DRAWING

S E C R E T

GROUP 1  
Excluded from automatic  
downgrading and  
declassification

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S E C R E T

25X1A

[REDACTED] (IN 72505)

PAGE TWO

36159) UNDER DYNAMIC CONDITIONS, TO DEMONSTRATE SATISFACTORY OPERATION AND PERFORM RESOLUTION TESTS IN ACCORDANCE WITH PARAGRAPH 3.8.1 OF SPECIFICATION 43961. WITH SLIT NBR. 7 (.265 INCHES) AND A WRATTEN 12 FILTER INSTALLED AND THE CAMERA RUNNING AT NOMINAL V/H, SET THE DRT LIGHT SOURCE LEVEL FOR OPTIMUM EXPOSURE. DYNAMICALLY EXPOSE A PAN BURST OF SIXTEEN (16) FRAMES FOLLOWED BY FOUR ADDITIONAL PAN BURSTS. PROCESS THE FILM UNDER CONTROLLED CONDITIONS AND RECORD GAMMA. READ THE TARGET IMAGES IN ACCORDANCE WITH MIL-STD-150A AND RECORD ALL IMC AND SCAN DATA POINTS. AVERAGE THE BEST 12 OF THE 16 READINGS FROM EACH PAN BURST AND RECORD FIGURE-OF-MERIT FOR EACH. ALL FIVE PAN BURST FIGURES-OF-MERIT WILL BE AVERAGED FOR AN OVERALL RESOLUTION VALUE TO DETERMINE COMPLIANCE WITH PARAGRAPH 3.8.1 OF SPECIFICATION 43961. LENS/FILM RESOLUTION DATA AS OBTAINED ON THE MANN BENCH WILL BE FURNISHED."

25X1A

3. [REDACTED] IS CURRENTLY EVALUATING ITS ABILITY TO DELIVER ANOTHER UNIT BY 1 MAY 1963 TO MEET AP'S L-4 DELIVERY DATE. WE WOULD APPRECIATE RECEIVING A FIRM SPECIFICATION PRIOR TO ENTERING THE ACCEPTANCE TESTING OF OUR NEXT UNIT.

END OF MESSAGE

S E C R E T